

Attorney Docket # 33901-147



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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Sara OUESLATI et al.

Serial No.: 10/825,756

Filed: April 16, 2004

For: Method and Device for Implicit Differentiation of
Quality Service in a Network

Examiner:

Group Art: 2661

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

August 17, 2004
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Thomas Langer

Name of applicant, assignee or Registered Representative

Thomas Langer
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August 17, 2004
Date of Signature

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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

SIR:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO/SB/08a. Copies of the listed documents are also enclosed, except for the three U.S. Patent documents since submission of copies thereof is no longer required. Only the cover page for each is enclosed for the Examiner's convenience.

The references submitted herewith have been discussed on pages 3-5, 14, 17, 19 and 26 of the present application.

It is respectfully requested that the above information be considered by the Examiner and that the copy of the enclosed Form PTO/SB/08A be returned indicating that such information has been considered.

In accordance with 37 C.F.R §§1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserve(s) the right to prove that the date of publication is in fact different.

If any fees or charges are deemed required at this time in connection with the application, the same may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

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Dated: August 17, 2004

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Substitute for Form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/825,756
		Filing Date	April 16, 2004
		First Named Inventor	Sara OUESLATI
		Art Unit	
		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	33901-147	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind-Code ² (if known)			
		US-2002/0057699 A1	05/16/2002	Roberts	
		US-2002/0057651 A1	05/16/2002	Roberts	
		US-2002/0080786 A1	06/27/2002	Roberts	
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FOREIGN PATENT DOCUMENTS

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	33901-147	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		F.P. Kelly, "Models for a self-managed Internet", Philosophical Transactions of the Royal Society, Vol. A358, pp. 2335-2348, (2000)	
		J. W. Roberts, et al., "Quality of Service by Flow Aware Networking", Philosophical Transactions of Royal Society, Vol. A358, pp. 2197-2207 (2000)	
		A. Kumar, et al., "Nonintrusive TCP Connection Admission Control for Bandwidth Management of an Internet Access Link", IEEE Communications Magazine, Vol. 38. No. 5, pp. 160-167 (2000)	
		T. Bonald et al., "IP Traffic and QoS control", Proc. Of World Telecom. Conf., Paris (2002)	
		B. Fredj, et al., "Measurement-based admission control for elastic traffic", Teletraffic Engineering in the Internet Era, ITC 17, Elsevier (2001)	
		R.J. Gibbens, et al., "A Decision-Theoretic Approach to Call Admission Control in ATM Networks", IEEE Journal on Selected Areas in Communications, Vol. 13, No. 6, pp. 1101-1114, (August 1995)	
		P. Goyal, et al., "Start-time Fair Queuing: A Scheduling Algorithm for Integrated Services Packet Switching Networks", IEEE/ACM Trans. Networking, Vol. 5, No. 5, pp. 690-704 (1997)	
		B. Suter, et al., "Buffer Management Schemes for Supporting TCP in Gigabit Routers with Per-flow Queueing", IEEE Journal on Selected Areas in Communications (August 1999)	
		S.B. Fredj, et al., "Statistical bandwidth sharing: a study of congestion at flow levels", Proc. Of ACM SIGCOMM (2001)	

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